



Southwire[®]
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PRODUCT DATA SHEET

Controlled Document – Engineering Drive

1530 Shields Drive
 Waukegan, IL 60085
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PART NUMBER: 991043
DESCRIPTION: RG 58/U COAXIAL CABLE WITH 20 AWG CONDUCTOR AND 95% TINNED COPPER BRAID
RATING: ELT LISTED AS CL2/CATV

Construction Parameters:

		<u>Wall (in)*</u>	<u>OD (in)*</u>
Conductors:	20 AWG (1/.032) Solid Bare Copper		0.031
Dielectric:	Solid Polyethylene color natural	0.042	0.114
Shielding:	95% Tinned Copper Braid		0.136
Jacket:	PVC	0.030	0.196

Electrical Properties:

	<u>VALUE*</u>
Conductor Resistance (ohms/Kft)	10.5
Impedance (ohms):	53.5
Capacitance (pF/ft):	29
Velocity of Propagation (%):	66
Attenuation (Max db/100 ft):	
50 MHz	3.0
100 MHz	4.4
200 MHz	6.0
400 MHz	8.5
900 MHz	13.0

Cable Cross-section:

(NOT TO SCALE)



Miscellaneous Information:

Jacket Color: Black
 Jacket Print (Aqua): SOUTHWIRE 991043 RG 58/U 20 AWG (ETL)us 3020465 TYPE CL2 OR CATV 60C - XX/XX/XX (MONTH /DAY/YEAR) XXXXXX (W/O#)

Applicable NEC Article: 725 & 820
 Flame Rating: UL-1581 Vertical Tray Flame Test
 Maximum Temperature Rating: 60° C
 Max. Operating Volts: 30 RMS
 Approximate Weight (lb/1000 ft): 28
 Jacket to Braid Adhesion: 5 LBS Minimum

This product complies with European Directive 2011/65/EU (RoHS-2)

On special orders the customer will accept all factory lengths and ± 10% of total order requested.

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Company Name: _____

Customer Approval: _____

Date: _____

Issued: 10/08/15

* = Nominal value
 By: RBC